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Abstract of the Disclosure

A DC brushless motor structure comprises a cylinder-like base having a through-hole or a chamber. The through-hole acts as an axle hole for rotatably receiving a shaft of a rotor. Alternatively, the shaft of the rotor is rotatably received in the chamber. An axle hole is defined in an end of the base. Another axle hole is defined in a lid attached to an end of the base. The shaft of the rotor is rotatably received in the axle holes. At least two sets of windings are mounted to the base. Also mounted to the base is an IC control member electrically connected to the windings. A magnetic force is generated by a magnetic field that is created as a result of energizing the windings to thereby repulse the permanent magnet of the rotor having a north pole and a south pole, thereby driving the rotor to turn.